CLAIMS

1. An epoxy resin composition comprising 100 parts by weight of an epoxy resin and 1 to 800 parts by weight of aluminum borate whisker having an average fiber diameter of 0.25 μm or less.

2. The epoxy resin composition according to claim 1, wherein the aluminum borate whisker has an average fiber diameter of 0.001 to 0.25 μm.

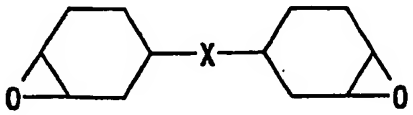
3. The epoxy resin composition according to claim 1, wherein the aluminum borate whisker has an average fiber length of 0.01 to 5 μm.

4. The epoxy resin composition according to claim 1, wherein the aluminum borate whisker has an average fiber length to average fiber diameter ratio of 20/1 to 300/1.

5. The epoxy resin composition according to claim 1, wherein the epoxy resin comprises at least one polyepoxy compound and contains 2 to 50% by weight of a polyepoxy compound having rubbery elasticity based on the total epoxy resin content.

6. The epoxy resin composition according to claim 5, wherein the polyepoxy compound having rubbery elasticity is epoxidized polybutadiene.

7. The epoxy resin composition according to claim 1, wherein the epoxy resin comprises 2 to 50% by weight of an epoxy compound represented by general formula (I) based on the total epoxy resin content.:



(I)

(wherein X represents an alkylene group having 1 to 4 carbon atoms or an alkylidene group having 2 to 8 carbon atoms.)

8. The epoxy resin composition according to claim 1, wherein the aluminum borate whisker is present in an amount of 200 to 600 parts by weight.

9. The epoxy resin composition according to claim 1, which further comprises 3 to 50 parts by weight of a flame retardant.

10. The epoxy resin composition according to claim 9, wherein the flame retardant is a phosphorus-based flame retardant having reactivity with the epoxy resin.